

RECEIVED  
CENTRAL FAX CENTER

DEC 20 2004

**OFFICIAL**

**CARDINAL LAW GROUP**

1603 Orrington Avenue/Suite 2000  
Evanston, Illinois 60201  
Telephone 847 - 905 - 7111  
Facsimile 847 - 905 - 7113

Date: DECEMBER 20, 2004

To: EXAMINER BUTLER, DOUGLAS C.  
U.S. PATENT AND TRADEMARK OFFICE

Fax #: (703) 872-9326

From: FRANK C. NICHOLAS  
Phone #: (847) 424-2521

Client/Matter No.: GP-309512/DP-309703 (2760/248)

# of Pages: 12  
(including cover sheet)

IF YOU HAVE ANY PROBLEMS RECEIVING THIS MESSAGE, PLEASE CALL 847/905-7111, Ext. 112 AND ASK FOR JENNIFER CRUZ.

THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. IT MAY CONTAIN PRIVILEGED, CONFIDENTIAL, ATTORNEY WORK PRODUCT, OR TRADE SECRET INFORMATION WHICH IS EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAWS. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AN EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE (AND ALL COPIES) TO US BY MAIL AT THE ABOVE ADDRESS. WE WILL REIMBURSE YOU FOR POSTAGE

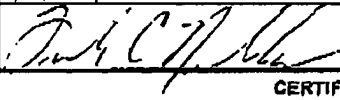
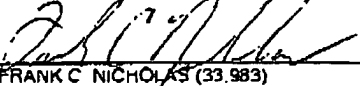
PTO Form 1 (1-2003) prepared by the Patent and Trademark Office, U.S. Department of Commerce  
 Under the Paper Reduction Act of 1992, this document is intended to be submitted in electronic form. A facsimile copy of this document may be used for filing.

<b>TRANSMITTAL FORM</b> <i>(To be used for all correspondence after initial filing)</i>	Attorney Docket No	DP-309612/DP-309703 (7600/248)
	Application Number	10/664,759
	Filing Date	SEPTEMBER 17, 2003
	First Named Inventor	ALEKSANDER B MAC
	Group Art Unit	3683
	Examiner	BUTLER, DOUGLAS C.

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated November 8, 2004 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Notice to File Corrected Application Papers	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings & Replacement Sheets <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Change of Correspondence <input type="checkbox"/> Declaration <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed.		

## CALCULATION OF FEE

				Small Entity		Large Entity			
	Claims After Amendment		Highest No Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=	0		x \$50=	
Indep.		Minus			x \$100=	0		x \$200=	
First Presentation of Multiple Dep. Claim					+ \$180=	---		+ \$360=	
					total add'l fee	\$ 0		total add'l fee	\$ 0

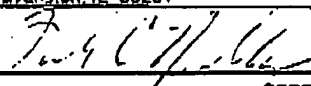
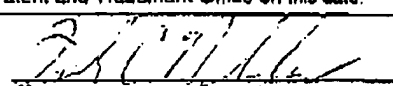
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	FRANK C NICHOLAS Registration No. 33,983 Cardinal Law Group 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature		Date:	DECEMBER 20, 2004
CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being transmitted via facsimile to (703) 872-9326 to the United States Patent and Trademark Office on this date			DECEMBER 20, 2004
Signature		Date:	DECEMBER 20, 2004
FRANK C NICHOLAS (33,983)			

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after filing)</small>	Attorney Docket No.	DP-309512/DP-309703 (7500/248)
	Application Number	10/664,759
	Filing Date	SEPTEMBER 17, 2003
	First Named Inventor	ALEKSANDER B. HAC
	Group Art Unit	3683
	Examiner	BUTLER, DOUGLAS C

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated November 8, 2004 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Extension of Time Request (dupl.) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, 8/1 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Notice to File Corrected Application Papers	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings: 9 Replacement Sheets <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Change of Correspondence <input type="checkbox"/> Declaration <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notes, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. <u>50-1713</u> . A duplicate copy of this sheet is enclosed.		

## CALCULATION OF FEE

	Claims After Amendment		Highest No Previously Paid For	Present Extra	Small Entity		Large Entity		
					Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=	0		x \$50=	
Indep		Minus			x \$100=	0		x \$200=	
First Presentation of Multiple Dep. Claim					x \$180=	---		x \$360=	
					total add'l fee	\$ 0		total add'l fee	\$ 0

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Print or individual name	FRANK C. NICHOLAS Registration No. 33,983 Cardinal Law Group 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature		Date:	DECEMBER 20, 2004
CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being transmitted via facsimile to (703) 872-9328 to the United States Patent and Trademark Office on this date.			
			DECEMBER 20, 2004
Signature		Date: DECEMBER 20, 2004	
FRANK C. NICHOLAS (33,983)			

DEC 20 2004

## CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted  
Via facsimile to (703) 872 - 9326 to the United States  
Patent and Trademark Office on December 20, 2004  
(Date of Transmission)

FRANK C. NICHOLAS (33 983)

Name of applicant, assignee or registered representative

  
SignatureDecember 20, 2004

Date of Signature

PATENT

Case No. DP-309512/DP-309703  
(7500/248)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

ALEKSANDER B. HAC

Serial No.: 10/664,759

Filed: SEPTEMBER 17, 2003

Title: CONTROL OF BRAKE-AND-  
STEER-BY-WIRE SYSTEMS  
DURING BRAKE FAILURE

Examiner: BUTLER, DOUGLAS C.

Group Art Unit: 3683

RESPONSE TO OFFICE ACTION DATED NOVEMBER 8, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22202-1450

Dear Sir:

This is a response to a non-Final Office Action dated November 8, 2004.